

AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph starting at page 6, line 1  
as follow:

-- In one embodiment of the invention, and concerning  
for example the case of hard tissue observation such as tooth  
enamel, in which the second band of frequencies is centred on a  
primary colour (red in this example), the CCD sensors of the  
video colour means are provided at each of the pixels with  
filters whose colour is preferably that of the complementary  
colours, namely yellow, magenta and cyan. The use of said  
complementary filters is of interest in that firstly the range of  
reaction of these filters, and hence the sensitivity of the  
sensors, is greater than those of the primary colours, and  
secondly it thereby becomes possible to act on two signals,  
namely those of the ~~primary~~ complementary colours associated with  
each of the ~~complementary~~ primary colours, instead of only being  
able to act on a single signal namely the signal associated with  
the primary colours, thereby making it possible to ensure  
improved management of the filtering used. --